

GenCore version 4.5  
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OM protein - protein search, using sw model

Run on: April 24, 2002, 09:08:12 : Search time 64.23 Seconds  
(without alignments)  
56.407 Million cell updates/sec

Title: US-09-525-998A-2\_COPY\_41\_201

Perfect score: 941

Sequence: 1 DSWCPGQFYIRP-NN-PPVY.....DSNKKSLKIKLPLPQIEN 161

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 212253 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 2300000000

Post processing: Minimum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA.\*

- 1: /seqn\_6/ptdata/3/2/1aa/4A\_A-OMR.pep.\*
- 2: /seqn\_6/ptdata/3/2/1aa/5B-COMB.pep.\*
- 3: /seqn\_6/ptdata/3/2/1aa/5A-COMB.pep.\*
- 4: /seqn\_6/ptdata/3/2/1aa/4B-OMR.pep.\*
- 5: /seqn\_6/ptdata/3/2/1aa/PTG5-COMB.pep.\*
- 6: /seqn\_6/ptdata/3/2/1aa/bu-killseq.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	941	100.0	161	US 09 326 394-2	Sequence 2, Appl
2	941	100.0	280	US 08 974 622-46	Sequence 46, Appl
3	941	100.0	280	US-08-795-445A-46	Sequence 46, Appl
4	941	100.0	280	US-08-795-447A-46	Sequence 46, Appl
5	941	100.0	280	US-08-974-186-46	Sequence 46, Appl
6	941	100.0	280	US 08 795 446A-46	Sequence 46, Appl
7	941	100.0	336	US-08-804-166-8	Sequence 8, Appl
8	941	100.0	336	US-08-804-166-8	Sequence 8, Appl
9	941	100.0	455	US-08-910-991-8	Sequence 25, Appl
10	941	100.0	455	US-08-050-319B-25	Sequence 25, Appl
11	941	100.0	455	US 08 837 911-2	Sequence 2, Appl
12	941	100.0	455	US 08 137 017-2	Sequence 2, Appl
13	941	100.0	455	US-08-465-982-35	Sequence 25, Appl
14	941	100.0	455	US-08-815-469-5	Sequence 5, Appl
15	941	100.0	455	US-09-006-453A-3	Sequence 3, Appl
16	928	98.6	285	US-08-804-166-6	Sequence 6, Appl
17	928	98.6	285	US 08 910 991-8	Sequence 6, Appl
18	925.5	98.4	453	US-08-086-483A-5	Sequence 5, Appl
19	924	98.2	199	US-08-086-483A-48	Sequence 48, Appl
20	924	98.2	199	US 08 465 982 48	Sequence 48, Appl
21	900	95.6	153	US-08-219-237B-4	Sequence 4, Appl
22	900	95.6	153	US-08-477-347-12	Sequence 12, Appl
23	900	95.6	153	US 08 476 862-3	Sequence 3, Appl
24	900	95.6	153	US 08 468 560C-4	Sequence 4, Appl
25	873	92.8	151	US-08-232-087A-10	Sequence 10, Appl
26	842.5	89.5	256	US 08 804 166-2	Sequence 2, Appl
27	842.5	89.5	256	US-08-913-991-2	Sequence 2, Appl

28	847	88.9	307	4	US-08-804-166-4	Sequence 4, Appl
29	847	89.9	407	4	US-08-910-991-4	Sequence 4, Appl
30	746	79.3	167	1	US-08-050-419A-2	Sequence 2, Appl
31	746	79.3	167	1	US-08-050-419A-57	Sequence 57, Appl
32	746	79.3	167	2	US-08-465-982-4	Sequence 2, Appl
33	746	79.3	167	2	US-08-465-982-57	Sequence 57, Appl
34	741	77.7	124	2	US-08-050-419B-4	Sequence 4, Appl
35	731	77.7	124	2	US-08-465-982-4	Sequence 4, Appl
36	680	72.3	157	1	US-08-050-419A-50	Sequence 50, Appl
37	680	72.3	157	2	US-08-465-982-50	Sequence 50, Appl
38	654.5	69.5	158	1	US-08-050-419A-54	Sequence 54, Appl
39	654.5	69.5	158	2	US-08-465-982-54	Sequence 54, Appl
40	640	66.0	153	1	US-08-050-419B-2	Sequence 52, Appl
41	640	66.0	153	2	US-08-465-982-52	Sequence 52, Appl
42	429	45.6	74	4	US-08-866-545-1	Sequence 1, Appl
43	357	37.9	62	1	US 08 964 446A-17	Sequence 17, Appl
44	249	24.5	40	1	US-08-050-419A-26	Sequence 26, Appl
45	249	24.5	40	2	US-08-465-982-26	Sequence 26, Appl

ALLOCATION

RESULT 1  
US-09-326-394-2  
Sequence 2, Application: 03/09/26,394  
Patent No. 6306820  
GENERAL INFORMATION:  
APPLICANT: Houdelle, Allison M.  
APPLICANT: Sennello, Regina M.  
ATTORNEY: Edwards, Carl P.  
TITLE OF INVENTION: COMBINATION THERAPY USING A TNF BINDING  
PROTEIN FOR TREATING TNF-MEDIATED DISEASES  
FIELD OF INVENTION: PROTEIN FOR TREATING TNF-MEDIATED DISEASES  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESS: Amgen, Inc.  
STREET: 1847 Delavilland Drive  
CITY: Thousand Oaks  
STATE: CA  
COUNTRY: US  
ZIP: 91320 1789  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US 09/326,394  
FILING DATE: 08-DEC-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/032,587  
FILING DATE: 06-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/036,355  
FILING DATE: 23-JAN-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/039,315  
FILING DATE: 07-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/052,023  
FILING DATE: 09-JUL-1997  
ALLOCATION/AGENCY INFORMATION:  
NAME: Zindrick, Thomas W.  
PUBLICATION NUMBER: 32,185  
REFERENCE/SEQUENCE NUMBER: A-480  
INFORMATION FOR SEQ ID NO. 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 161 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: Protein  
US-09-326-394-2

Query Match 100.0%; Score 941; DB 4; Length 161;  
Best Local Similarity 100.0%; Prod. No. 1.4c-76;  
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCPQKGYTHPQNNISGCTKCHKGTYLYNDGPGGQDTGCEGESGFTASENHLRHCL 60  
DB 1 DSVCPQKGYTHPQNNISGCTKCHKGTYLYNDGPGGQDTGCEGESGFTASENHLRHCL 60

QY 61 SCSKCRKEMQGVETSSCTVDRDTVCGCKKNQYRHYWSENFQCPNCSLCLNGTVHLSQCE 120  
DB 61 SCSKCRKEMQGVETSSCTVDRDTVCGCKKNQYRHYWSENFQCPNCSLCLNGTVHLSQCE 120

QY 121 KONTVCTCHAGFFLENECVSCNCKKSLCTKLCLEQIEN 161  
DB 121 KONTVCTCHAGFFLENECVSCNCKKSLCTKLCLEQIEN 161

RESULT 2  
US-08-974-022-46  
; Sequence 46; Application US/08974022  
; Patent No. 6015938  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: OSTEOPROTEGERIN  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Dehavilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE: 12-DEC-1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/577,788  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378  
; INFORMATION FOR SEQ ID NO: 46:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 280 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-974-022-46

Query Match 100.0%; Score 941; DB 4; Length 280;  
Best Local Similarity 100.0%; Prod. No. 2.3c-76;  
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCPQKGYTHPQNNISGCTKCHKGTYLYNDGPGGQDTGCEGESGFTASENHLRHCL 60  
DB 41 DSVCPQKGYTHPQNNISGCTKCHKGTYLYNDGPGGQDTGCEGESGFTASENHLRHCL 100

QY 61 SCSKCRKEMQGVETSSCTVDRDTVCGCKKNQYRHYWSENFQCPNCSLCLNGTVHLSQCE 120  
DB 101 SCSKCRKEMQGVETSSCTVDRDTVCGCKKNQYRHYWSENFQCPNCSLCLNGTVHLSQCE 160

QY 121 KONTVCTCHAGFFLENECVSCNCKKSLCTKLCLEQIEN 161  
DB 161 KONTVCTCHAGFFLENECVSCNCKKSLCTKLCLEQIEN 201

RESULT 3  
US-08-795-445A-46  
; Sequence 46; Application US/08795445A  
; Patent No. 6284485  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: OSTEOPROTEGERIN  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Dehavilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/577,788  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378  
; INFORMATION FOR SEQ ID NO: 46:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 280 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-795-445A-46

Query Match 100.0%; Score 941; DB 4; Length 280;  
Best Local Similarity 100.0%; Prod. No. 2.3c-76;  
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCPQKGYTHPQNNISGCTKCHKGTYLYNDGPGGQDTGCEGESGFTASENHLRHCL 60  
DB 41 DSVCPQKGYTHPQNNISGCTKCHKGTYLYNDGPGGQDTGCEGESGFTASENHLRHCL 100

QY 61 SCSKCRKEMQGVETSSCTVDRDTVCGCKKNQYRHYWSENFQCPNCSLCLNGTVHLSQCE 120  
DB 101 SCSKCRKEMQGVETSSCTVDRDTVCGCKKNQYRHYWSENFQCPNCSLCLNGTVHLSQCE 160

QY 121 KONTVCTCHAGFFLENECVSCNCKKSLCTKLCLEQIEN 161  
DB 161 KONTVCTCHAGFFLENECVSCNCKKSLCTKLCLEQIEN 201

RESULT 4  
US-08-795-447A-46  
; Sequence 46; Application US/08795447A  
; Patent No. 6284728  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.



TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-795-446B-46

Query Match  
Best Local Similarity 100.0%; Score 941; DB 4; Length 280;  
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCPGGKYIHPQNNISICTCKHKGTYLYNDCPGGQDTDCRCESSFTASENHLRHCL 60  
DB 41 DSVCPGGKYIHPQNNISICTCKHKGTYLYNDCPGGQDTDCRCESSFTASENHLRHCL 100  
QY 61 SCCKCKEMGVFISSTVDRITVGGCKKNQYPHYWSNLPQCFNCISLNCIVHLSQGE 120  
DB 101 SCCKCKEMGVFISSTVDRITVGGCKKNQYPHYWSNLPQCFNCISLNCIVHLSQGE 160  
QY 121 KONTVCTCHAGFFLENECVSNCKKSECTKLCPLPOEN 161  
DB 161 KONTVCTCHAGFFLENECVSNCKKSECTKLCPLPOEN 201

## RESULT 7

US-08-804-166-8  
Sequence 8, Application US/0804166  
Patent No. 6193972  
GENERAL INFORMATION:  
APPLICANT: Campbell, Robert K.  
APPLICANT: Jameson, Bradford A.  
TITLE OF INVENTION: HYBRID PROTEINS  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEWMARK  
STREET: 419 Seventh Street N.W., Ste. 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 22207

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/804,166  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/011,946  
FILING DATE: 20 February 1996  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, ROGER L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: CAMPBELL-2A  
TELEPHONE: (202) 628-5197  
TELEFAX: (202) 737-3528  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 336 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-804-166-8

Query Match  
Best Local Similarity 100.0%; Score 941; DB 4; Length 336;  
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCPGGKYIHPQNNISICTCKHKGTYLYNDCPGGQDTDCRCESSFTASENHLRHCL 60  
DB 23 DSVCPGGKYIHPQNNISICTCKHKGTYLYNDCPGGQDTDCRCESSFTASENHLRHCL 82  
QY 61 SCCKCKEMGVFISSTVDRITVGGCKKNQYPHYWSNLPQCFNCISLNCIVHLSQGE 120  
DB 83 SCCKCKEMGVFISSTVDRITVGGCKKNQYPHYWSNLPQCFNCISLNCIVHLSQGE 142  
QY 121 KONTVCTCHAGFFLENECVSNCKKSECTKLCPLPOEN 161  
DB 143 KONTVCTCHAGFFLENECVSNCKKSECTKLCPLPOEN 183

## RESULT 8

US-08-910-991-8  
Sequence 8, Application US/0809091  
Patent No. 6194177  
GENERAL INFORMATION:  
APPLICANT: Campbell, Robert K.  
APPLICANT: Jameson, Bradford A.  
TITLE OF INVENTION: HYBRID PROTEINS  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEWMARK  
STREET: 419 Seventh Street N.W., Ste. 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 22207

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/910,991  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/804,166  
FILING DATE: 20 February 1997  
APPLICATION NUMBER: 60/011,936  
FILING DATE: 20 February 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, ALLEN C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: CAMPBELL-2H  
TELEPHONE: (202) 628-5197  
TELEFAX: (202) 737-3528  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 336 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-910-991-8

Query Match  
Best Local Similarity 100.0%; Score 941; DB 4; Length 336;  
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 23 DSVCPGGKYIHPQNNISICTCKHKGTYLYNDCPGGQDTDCRCESSFTASENHLRHCL 82  
QY 61 SCCKCKEMGVFISSTVDRITVGGCKKNQYPHYWSNLPQCFNCISLNCIVHLSQGE 120  
DB 83 SCCKCKEMGVFISSTVDRITVGGCKKNQYPHYWSNLPQCFNCISLNCIVHLSQGE 142



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? STATE: D.C.
? COUNTRY: USA
? ZIP: 20004
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/47,941
? FILING DATE: 28-APR-1997
? CLASSIFICATION: 435
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/421,668
? FILING DATE: 12-OCT-1994
? APPLICATION NUMBER: IL 107268
? FILING DATE: 12-OCT-1994
? ATTORNEY/AGENT INFORMATION:
? NAME: BROWDY, ROGER L.
? REGISTRATION NUMBER: 25,618
? REFERENCE/DOCKET NUMBER: WALLACH-13
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 202-628-5197
? TELEFAX: 202-737-3528
? TELEX: 248633
? INFORMATION FOR SEQ ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 455 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
? US-08-437-941-2

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Query Match: 100.0%; Score 941; DB 1; Length 455;
Best Local Similarity: 100.0%; Pred. No. 3.8e-76;
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCFQKRYTHPQNNSTCTKHKSTLYLNLPQPGQGLTTPPEVESSTASENHLPHCL 60
DB 41 DSVCFQKRYTHPQNNSTCTKHKSTLYLNLPQPGQGLTTPPEVESSTASENHLPHCL 100

QY 61 SSKCKKMGQVEISSVVDKDIWGGCKKNOYRHYWSENLFPQCNCSLCNGIVHLSQGE 120
DB 101 SSKCKKMGQVEISSVVDKDIWGGCKKNOYRHYWSENLFPQCNCSLCNGIVHLSQGE 160

QY 121 KONTVTTTHAFPEFENECVSCNCKKSLCTKICLPQIEN 161
DB 161 KONTVTTCHAGFLRPNKVCSCNCKKSLCTKICLPQIEN 201

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RESULT 12
US-08 126 016-2
? Sequence 25, Application US/08/26016
? Patent No. 5811261
? GENERAL INFORMATION:
? APPLICANT: WALLACH, DAVID
? APPLICANT: NOPHAR, YARON
? APPLICANT: KEMPER, OLIVER
? APPLICANT: ENGELMANN, HARTMUT
? APPLICANT: BRAKHUSCH, GORD
? APPLICANT: AUERKA, DAN
? TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TIMP-1
? NUMBER OF SEQUENCES: 26
? CORRESPONDENCE ADDRESS:
? ADDRESSER: Browdy and Neimark
? STREET: 419 Seventh Street, N.W., Suite 300
? CITY: Washington
? STATE: DC
? COUNTRY: USA
? ZIP: 20004
? COMPUTER READABLE FORM:

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? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/126,016
? FILING DATE: 24-SEP-1993
? CLASSIFICATION: 435
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/625668
? FILING DATE: 13-DEC-1990
? ATTORNEY/AGENT INFORMATION:
? NAME: BROWDY, ROGER L.
? REGISTRATION NUMBER: 25,618
? REFERENCE/DOCKET NUMBER: WALLACH4
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 202-628-5197
? TELEFAX: 202-737-3528
? TELEX: 248633
? INFORMATION FOR SEQ ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 455 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
? US-08-126-016-2

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Query Match: 100.0%; Score 941; DB 2; Length 455;
Best Local Similarity: 100.0%; Pred. No. 3.8e-76;
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCFQKRYTHPQNNSTCTKHKSTLYLNLPQPGQGLTTPPEVESSTASENHLPHCL 60
DB 41 DSVCFQKRYTHPQNNSTCTKHKSTLYLNLPQPGQGLTTPPEVESSTASENHLPHCL 100

QY 61 SSKCKKMGQVEISSVVDKDIWGGCKKNOYRHYWSENLFPQCNCSLCNGIVHLSQGE 120
DB 101 SSKCKKMGQVEISSVVDKDIWGGCKKNOYRHYWSENLFPQCNCSLCNGIVHLSQGE 160

QY 121 KONTVTTTHAFPEFENECVSCNCKKSLCTKICLPQIEN 161
DB 161 KONTVTTCHAGFLRPNKVCSCNCKKSLCTKICLPQIEN 201

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RESULT 13
US-08 465 982 25
? Sequence 25, Application US/08465982
? Patent No. 5863786
? GENERAL INFORMATION:
? APPLICANT: M. Feldmann, P. W. Gray,
? APPLICANT: M. J. C. Turner, F. M. Brennan
? TITLE OF INVENTION: Modified human TNFalpha (Tumor
? TITLE OF INVENTION: Necrosis Factor alpha) Receptor
? NUMBER OF SEQUENCES: 57
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Reed & Robbins
? STREET: 635 Bryant Street
? CITY: Palo Alto
? STATE: California
? COUNTRY: USA
? ZIP: 94301
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/465,982
? FILING DATE:
? CLASSIFICATION:
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US/08/050,319

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: FILING DATE: 10-May-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Robbins, Robert E.
: REGISTRATION NUMBER: 33,208
: REFERENCE/DOCKET NUMBER: 5150-0030
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 617-8999
: TELEFAX: (415) 327-3231
: INFORMATION FOR SEQ ID NO: 25:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 455 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-465-982-25

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Query Match 100.0% Score 941; DB 2; Length 455;

Best Local Similarity 100.0%; Pred. No. 4 8e-76; Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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: |||||
DB 41 DSVCPCKVTHIQNNISICTCKKQIYLYNDGPGQDNDGRCGSGFTASENHLRCL 100
QY 61 SCSCYCKEMWQVEISSVTWFEATVTPKQYFHWWSNITQTNSTPLNLTIVHLSSQF 140
: |||||
DB 101 SCSCYCKEMWQVEISSVTWFEATVTPKQYFHWWSNITQTNSTPLNLTIVHLSSQF 180
QY 121 KNTVTCVTHAGTFLPNEFVSSNFKSLEKTFLLPQIEN 161
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DB 161 KNTVTCVTHAGTFLPNEFVSSNFKSLEKTFLLPQIEN 201

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RESULT 14

US-08-465-469-5

Sequence 5, Application US/09015449

Patent No. 6153402

GENERAL INFORMATION:

APPLICANT: YU, GUO-LIANG

APPLICANT: NI, JIAN

APPLICANT: DIXIT, VISHVA

APPLICANT: GEETZ, REINER L.

APPLICANT: DILLON, PATRICK J.

TITLE OF INVENTION: Death Domain Containing Receptors

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., NW, Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-1934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US 09/aqs 464

FILING DATE: HEREWITH

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: No. 6153402 Yet Assigned

FILING DATE: 06-FEB-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/028,711

FILING DATE: 17-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/013,285

FILING DATE: 12-MAR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Steller, Eric K.

```

: REGISTRATION NUMBER: 46,688
: REFERENCE/DOCKET NUMBER: 5150-0030
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 202-371-2500
: TELEFAX: 202-371-2540
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 455 amino acids
: TYPE: amino acid
: STRANDEDNESS: not relevant
: TOPOLOGY: not relevant
: MOLECULE TYPE: protein
: US-08-465-469-5

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Query Match 100.0% Score 941; DB 4; Length 455;

Best Local Similarity 100.0%; Pred. No. 4 8e-76; Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 DSVCPCKVTHIQNNISICTCKKQIYLYNDGPGQDNDGRCGSGFTASENHLRCL 60
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DB 41 DSVCPCKVTHIQNNISICTCKKQIYLYNDGPGQDNDGRCGSGFTASENHLRCL 100
QY 61 SCSCYCKEMWQVEISSVTWFEATVTPKQYFHWWSNITQTNSTPLNLTIVHLSSQF 120
: |||||
DB 101 SCSCYCKEMWQVEISSVTWFEATVTPKQYFHWWSNITQTNSTPLNLTIVHLSSQF 160
QY 121 KNTVTCVTHAGTFLPNEFVSSNFKSLEKTFLLPQIEN 161
: |||||
DB 161 KNTVTCVTHAGTFLPNEFVSSNFKSLEKTFLLPQIEN 201

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RESULT 15

US-09-006-454A-3

Sequence 5, Application US/09006454A

Patent No. 6261801

GENERAL INFORMATION:

APPLICANT: WEL, YING FEI

APPLICANT: YU, GUO-LIANG

APPLICANT: GENTZ, REINER

APPLICANT: RUBEN, STEVEN

TITLE OF INVENTION: Tumor Necrosis Factor Receptor 5

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: HUMAN GENOME SCIENTIFIC, INC.

STREET: 9430 Key West Avenue

CITY: ROCKVILLE

STATE: MD

COUNTRY: US

ZIP: 20850

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 09/006454A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: BROOKS, ANDERS A

REGISTRATION NUMBER: 46,474

REFERENCE/DOCKET NUMBER: 09-441

TELECOMMUNICATION INFORMATION:

TELEPHONE: (301) 309-8504

TELEFAX: (301) 309-8512

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 455 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-006-354A-3

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Query Match      100.0%; Score 941; DB 4; Length 455;
Best Local Similarity 100.0%; Pred. NO. 3,80-76;
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSVCPQKXYTHPPNNSTGCTKCHKCTVLYNCPAPGQDTDCRECESGSFTASENHLPHEL 60
DB 41 DSVCPQKXYTHPPNNSTGCTKCHKCTVLYNCPAPGQDTDCRECESGSFTASENHLPHEL 100

QY 61 SCCKGKKEKMGVEISSCTVDRGTWCGKKNQYRHYWSENLEQCENCSLCLNGTVHLSQCE 120
DB 101 SCCKGKKEKMGVAFISSCTVDRGTWCGKKNQYRHYWSENLEQCENCSLCLNGTVHLSQCE 160

QY 121 KONTVCTCHAGHFLEKNECVSCSNCKKSLEETKLCLEPQIEN 161
DB 161 KONTVCTCHAGFFLENECVSCSNCKKSLEETKLCLEPQIEN 201

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Search completed: April 24, 2002, 10:39:13  
Job time: 5461 sec